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(71) Applicant (for all designated States except US): SPM INSTRUMENT AB [SE/SE]; Box 4, S-645 21 Strängnäs (SE).

(72) Inventors; and

(75) Inventors/Applicants (for US only): LINDBERG, Stefan [SE/SE]; Slänbärsstigen 10, S-645 43 Strängnäs (SE).  
HEDLUND, Håkan [SE/SE]; Tranbärsstigen 15 B, S-645

43 Strängnäs (SE). KUMMELSTAM, Jim [SE/SE]; Elmavägen 11, S-645 92 Strängnäs (SE). LINDBERG, Jarl-Ove [SE/SE]; Utsiktsvägen 32, S-645 42 Strängnäs (SE).

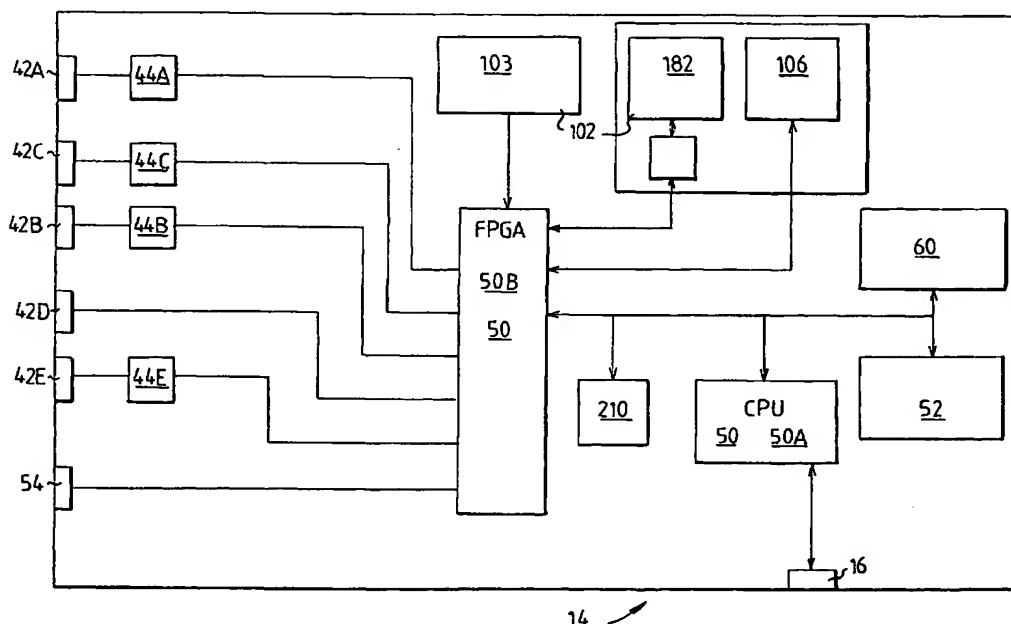
(74) Agent: ALBIHNS STOCKHOLM AB; P.O. Box 5581, S-114 85 Stockholm (SE).

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(54) Title: AN APPARATUS FOR ANALYSING THE CONDITION OF A MACHINE



(57) Abstract: An apparatus for analysing the condition of a machine having a rotating shaft, comprising: at least one input for receiving measurement data from a sensor for surveying a measuring point of the machine; said measurement data being dependent on rotation of said shaft; data processing means for processing condition data dependent on said measurement data; said data processing means comprising means for performing a plurality of condition monitoring functions (F1, F2, Fn), wherein said data processing means includes a Field Programmable Gate Array circuit coupled to said at least one input.